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**Memorandum:**

**To:** Users of the "*Guidance on Sampling and Analytical Methods for Use at Contaminated Sites in Ontario - 1996*"

**From:** Standards Development Branch

**Date:** December 3, 1996

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**Subject: ERRATUM : CHANGES TO TEXT**

*Guidance on Sampling and Analytical Methods for Use at Contaminated Sites in Ontario*

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This notice is being issued to revise text of the support document: "*Guidance on Sampling and Analytical Methods for Use at Contaminated Sites in Ontario - 1996*". The changes are being made in response to requests for additional guidance in several areas.

There are five changes that should be made to this document. They have been shown below in order of appearance, in *italicized* text for highlight:

1. **Page 22 at the end, the following section should be inserted:**

*Soil Texture*

*Soil texture can normally be determined in the field using professional judgement and commonly accepted field methods for soil texture determination. In situations where the sampler determines the soil to be close to the 70% sand cut-off for medium - fine textured materials, samples may be needed for laboratory determination of soil texture (For the purpose of determining the sand fraction, wet sieving methods after*

*dispersion with sodium hexametaphosphate are recommended. Pretreatment with hydrogen peroxide to remove organic matter is suggested for surface soils).*

**2. Page 28 , first Paragraph, last sentence should read:**

*"The less than 355  $\mu$ m fraction is used for all the inorganic analyses except Sodium Adsorption Ratio, pH, Electrical Conductivity, hot water extractable Boron and texture, all of which use the less than 2 mm fraction."*

**3. Page 28, second paragraph, last sentence should read:**

*"All tests except texture, which uses the less than 2 mm fraction, are conducted on the less than 355  $\mu$ m fraction."*

**4. Table 5.1C, end of first column add:**

*"and texture"*

**5. Page 84, third paragraph, last two sentences should read:**

*"For example, a sampler samples the top 10 cm of soil. If 1 m of material is removed, then the sample represents only the top 10% of the material."*

**6. On page 108, a footnote to Table 8.3.7, linked to the "Boron - hot water extract" should be added that states:**

*"Due to an observed potential for Boron contamination of purchased  $\text{CaCl}_2$ , and to the potential for boron contamination from glassware, it is very important for method blanks to be used and reported, and for corrective measures to be taken should blanks contain significant amounts of boron."*

For those who do not currently have a copy of this document, all new requests after this date will contain the revised information.

For additional information on these changes, please contact:

M. Marsh (905) 456-2504

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Copies of this Erratum can be obtained by written request to the above address, from the MOEE web site or via Fax request to: (905) 456-1003 or (416) 323-5166.

We regret any inconvenience these changes may have caused.



